

Date: Wed, 6 Oct 93 04:30:23 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #64
To: Ham-Equip

Ham-Equip Digest Wed, 6 Oct 93 Volume 93 : Issue 64

Today's Topics:

AOR 1000XLT for sale
DJ580T 430-440 TX
Equipment for VHF/UHF work (2 msgs)
Flux Gate Sensor wanted
Help with Kenwood TS450 ACC-2 Pinouts
Lack of Support from Icom??? (2 msgs)
Lafayette Grid Dip Meter
R1 for sale
Wanted: HP3312 and HP8640 Generators
WANTED: HW8 and HW9

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 4 Oct 1993 12:53:32 -0700
From: mdisea!uw-coco!nwnexus!pt.olympus.net!not-for-mail@uunet.uu.net
Subject: AOR 1000XLT for sale
To: ham-equip@ucsd.edu

AOR 1000XLT for sale. Has been back to factory for proper tune-up
550kHz - 1300mhz no gaps am/nfm/wbfm
1000chan's 10 search banks search lockouts(like be-250) 100
\$350.00

e/mail for comments or questions to msaran@pt.olympus.net

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Mark Saran
msaran@pt.olympus.net

Date: 5 Oct 93 16:13:27 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!
darwin.sura.net!news-feed-2.peachnet.edu!concert!duke!news.duke.edu!
ee.ee.duke.edu!jbs@network.ucsd.edu
Subject: DJ580T 430-440 TX
To: ham-equip@ucsd.edu

In article <9310010735.AA10032@ucsd.edu> LORIT@SIUCVMB.SIU.EDU (Scott A. Manthe, N9AAT) writes:

<I had assumed that everyone with a 580 already knew this, but for those who
<don't, here's the mod to allow your Alinco to TX everywhere. REMEMBER; this
<will allow your rig to go where it shouldn't, if you want to keep your ticket,
<stay in the ham bands.

- < 1) Turn off the radio.
- < 2) Take the battery off.
- < 3) Remove the four screws holding the battery mounting plate.
- < 4) Remove the battery mounting plate.
- < 5) Locate the blue wire under where the battery plate was.
- < 6) Cut the blue wire, and be sure to insulate it afterwards.
- < 7) If you want to RX the AM aircraft band and have the chance to
< illegally listen to cellular phones (824-849 and 869-894mhz), be sure
< to snip the red wire also, taking steps to insulate it afterwards, of
< course.

<There is no disclaimer, this mod does work. If you do it right, and you'd have
<to be retarded not to, you'll be able to transmit out of band.

Um, not always. Frequently people find that the mod does not enable out-of-band TX until they reset the HT, by pressing the function key and holding it in while turning the radio on. Of course, this erases all your memories...

-joe

> Scott A. Manthe, N9AAT

--

You spend the night
Like you were spending a dime
- Lyle Lovett

Date: 5 Oct 93 15:29:40 GMT

From: ogicse!uwm.edu!linac!att!att-out!cbnewsh!wa2sff@network.ucsd.edu
Subject: Equipment for VHF/UHF work
To: ham-equip@ucsd.edu

I want to get on 2m-23cm with CW, SSB and FM.
I want to use the radio for terrestrial work and for satellite work.

I would like to other hams experience and thoughts on
the best way to accomplish this goal.

The options I am considering are:

1A: Use one (existing) HF transceiver with transverters.
1B: Use two (existing and new) HF transceivers with transverters.
2A: Buy Yasau 736
2B: Buy Kenwood 790
2C: Buy ICOM 970

I have been told for satellite work I need to transmit and receive
at the same time. Is this true and how important is it?

If I don't need to transmit and receive at the same time, I will go
with option 1A. It is the cheapest solution.

If I go with option 1B and buy a new HF radio and use transverters,
what would be a good rig? My current Kenwood 690 requires
modification for use with transverters. Most ads don't talk
about support for transverters.

If I need to monitor while transmitting,
would I do better by going with option 2
rather than buying a second HF radio and adding transverters?

If I go with option 2, which radio is best?

I like the Yasau 736 since it covers 144/222/432/1296 in one box.
It is also the cheapest of the three.
It will transmit and receive at the same time but it will only display
the frequency of either the transmitter or the receiver but not both.

The Kenwood is close to the Yasau in price and the ICOM is
significantly more expensive.

Which is better the Kenwood or the Yasau?

Why would I buy an ICOM over the Yasau or Kenwood?

Joe Wilkes

WA2SFF
j.e.wilkes@att.com

Date: 5 Oct 1993 16:22:45 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.kei.com!
newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@network.ucsd.edu
Subject: Equipment for VHF/UHF work
To: ham-equip@ucsd.edu

In article <CEFKDL.BnI@cbnewsh.cb.att.com> joseph.e.wilkes,
wa2sff@cbnewsh.cb.att.com writes:
>I have been told for satellite work I need to transmit and receive
>at the same time. Is this true and how important is it?

It may not be absolutely necessary, especially on Rs12/13 (hf bird)
but for all practical purposes it will be required. With doppler
shift and all it's about the only way to tell that you aren't
qrming someone else, and to verify how well you are
making it in.

>If I go with option 1B and buy a new HF radio and use transverters,
>what would be a good rig? My current Kenwood 690 requires
>modification for use with transverters. Most ads don't talk
>about support for transverters.

Don't know about this - I went route 2.

>
>If I need to monitor while transmitting,
>would I do better by going with option 2
>rather than buying a second HF radio and adding transverters?

I think so.

>
>If I go with option 2, which radio is best?
>

The 736 is the most popular on Oscar 13. It's what I went with.
It has a good receiver, enough power to do cw and some
ssb on A013 barefoot with good antennas, and nice
features.

>I like the Yasau 736 since it covers 144/222/432/1296 in one box.
>It is also the cheapest of the three.
>It will transmit and receive at the same time but it will only display
>the frequency of either the transmitter or the receiver but not both.

Which isn't much of a problem - it might be nice to see both at once, but you pretty much set the receive, then tune the transmit by listening (once you get close). You can flip back and forth easily.

>

>The Kenwood is close to the Yasau in price and the ICOM is >significantly more expensive.

>

>Which is better the Kenwood or the Yasau?

>

Yaesu - the kenwood is klunky to use I hear and Gary says it has real thermal problems. I hear very few of them on. The ICOM is a lot more expensive, and doesn't seem to be all that well thought out for satellite work from what I hear. The extended rx module looks nice though.

I don't know what satellites you are planning to use. For the microsats, you will need a tnc and a special modem and probably have to do minor surgery (if you want to do 9600 baud) on the rig for direct fm. The 736 has the most data on these kinds of mods because it is so popular.

For Oscar 13 you will need high gain antennas (at least 10 db on each band) and will rapidly want a good antenna mounted preamp and probably a power amp. I worked mode B for about 6 months without either, and it worked and was fun. But the addition of an ARR gasfet preamp at the antenna made a big difference in how well I could hear. The power amp made it possible to use the satellite for longer durations during a pass (at worse squint angles).

Have fun.

73 de Kevin, WB2EMS

Date: 5 Oct 1993 21:50:38 GMT
From: usenet@ucsd.edu
Subject: Flux Gate Sensor wanted
To: ham-equip@ucsd.edu

For an application in Remote Sensing I am looking for an earth magnetic field detector / flux gate sensor (as used in aircraft) to determine attitude and compass direction of a buoy. How accurate are those gauges and where are

they available?

I was told Precision Navigation, Inc. manufactures such devices,
but I haven't been able to find the address. Does anybody know this company?

Thanks for any hints!

--

Stefan Waas
Scripps Institution of Oceanography E-Mail: swaas@ucsd.edu
University of California San Diego Work: (619) 534-8029
Physical Oceanography Research Division Fax: (619) 534-8509
La Jolla, CA 92093-0230, U.S.A.

Date: 5 Oct 1993 20:50:16 GMT
From: epicb!davidsmac.truevision.com!davids@uunet.uu.net
Subject: Help with Kenwood TS450 ACC-2 Pinouts
To: ham-equip@ucsd.edu

I have been trying to decode the functions of the pins on the ACC-2
connector on my Kenwood TS450S. The manual does not have a good
description for what these pins really do, and what you would use them
for.

If someone would post a layman's description of the pins on the ACC-2
connector, I would really appreciate it.

-David Spoelstra N9PGH
davids@truevision.com

Date: Tue, 5 Oct 1993 15:12:11 GMT
From: mdisea!mothost!merlin.dev.cdx.mot.com!davidk@uunet.uu.net
Subject: Lack of Support from Icom???
To: ham-equip@ucsd.edu

I believe the support where a company is REQUIRED to
provide parts is seven years. You can't just sell something and
cause it to fade away.

Date: Tue, 5 Oct 1993 19:20:15 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!cs.utexas.edu!uwm.edu!linac!
att!att-out!cbnewsj!k2ph@network.ucsd.edu
Subject: Lack of Support from Icom???
To: ham-equip@ucsd.edu

Date: 5 Oct 93 20:07:31 GMT
From: ogicse!uwm.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: Lafayette Grid Dip Meter
To: ham-equip@ucsd.edu

I recently aquired a Lafayette Grid Dip Meter model 99-2503
but without coils or documentation.

Does anyone have any details of the coils so I can wind them
myself or know where they can be obtained

Also does anyone have any doc for this device

73 Graeme

VK3JUD

graemem@acci.com.au

Date: 4 Oct 1993 12:48:31 -0700
From: mdisea!uw-coco!nwnexus!pt.olympus.net!not-for-mail@uunet.uu.net
Subject: R1 for sale
To: ham-equip@ucsd.edu

I have an R! for sale for in e/mail msaran@pt.olympus.net
\$275.00 100kz - 1300mz no gaps am/nfm/wbfm

--
Mark Saran
msaran@pt.olympus.net

Date: Tue, 5 Oct 93 23:12:33 GMT
From: news.service.uci.edu!paris.ics.uci.edu!csulb.edu!library.ucla.edu!
news.mic.ucla.edu!unixg.ubc.ca!nntp.cs.ubc.ca!news.UVic.CA!elvis.uvic.ca!
user@network.ucsd.edu
Subject: Wanted: HP3312 and HP8640 Generators
To: ham-equip@ucsd.edu

Want to buy the HP3312 and (or) HP8640 generator with digital frequency
display.
Similar generators considered.
Plesae reply by Email to the above adress.

Art Makosinski
University of Victoria
Mechanical Engineering Dept.
Email: art@ME.uvic.ca
FAX: 604 721 6051
Phone: 604 721 4844

Date: 5 Oct 1993 12:57:57 GMT
From: swrinde!cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!destroyer!
vela.acs.oakland.edu!vela.acs.oakland.edu!prvalko@network.ucsd.edu
Subject: WANTED: HW8 and HW9
To: ham-equip@ucsd.edu

: I have a HW-16 going unused; if you decide to take this advice, make
: me an offer.

: Steven P. Frysinger
: AT&T Bell Laboratories
: Environmental Systems Engineering
: TEL: 908/949-7596
: FAX: 908/949-6029
: NET: spf@hoqaa.att.com
: HAM: KA2RJF
: SLO: 101 Crawfords Corner Road
: Holmdel, New Jersey 07733

>>> Just make sure you get the HG-10B VFO also!!! The HW-16 alone
will not cut it. :-) I have my original HW-16. I built it in high
school and it still works and looks like new. It is part of mt personal
museum though, and not for sale :-) !! 73 =paul= wb8zjl

Date: 5 Oct 93 23:10:50 GMT

From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
To: ham-equip@ucsd.edu

References <CE1FF6.18u@ced.utah.edu>, <1993Sep28.130348.12786@ke4zv.atl.ga.us>, <4609@eram.esi.COM.AU>

Reply-To : gary@ke4zv.UUCP (Gary Coffman)

Subject : Re: Regenerating PL tones thru a repeater.

In article <4609@eram.esi.COM.AU> dave@esi.COM.AU (Dave Horsfall) writes:
>I've often thought of building a CTCSS scanner, then I noticed that one
>of the tones is 100 Hz (or close to it). Which culturally-impaired
>person didn't think of 50Hz mains when they specified those frequencies?

That's OK, they also chose 118.8 Hz. Use that in non-NTSC countries while we use 100 Hz here.

>ObNit: "PL" is a trademark of somebody or other; Motorola I think.

Motorola. GE called it Channel Guard.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

Date: (null)

From: (null)

Does anybody know <FOR CERTAIN> what, if anything, is required by law? I've now seen the numbers 3 years and 7 years here on this newsgroup, but I've also seen some manufacturers (notably computer manufacturers) that have stopped stocking parts for discontinued products much sooner than either of those time periods. I would be curious to see the applicable law actually cited.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

End of Ham-Equip Digest V93 #64
